

Training Basic Skills of Scientific Writing and Publication to Improve Research Competence

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ABSTRACT

The purpose of community service is the achievement of the tri dharma of higher education by providing knowledge that can be applied by the community. This training aims to encourage the academic community to play an active role in research activities. By the theme of the event, this activity is also present to provide benefits in the form of education for both lecturers and students in preparing themselves to make a scientific journal. The Community Service Team held initial discussions with several lecturers from several universities that have cooperation with the Faculty of Economics, Jakarta State University such as YKPN Polytechnic University Yogyakarta, STABN Raden Wijaya Wonogiri, STIE Pertiwi, STIAB Jinarakkhita Lampung, Podomoro University, Dian Nusantara University, Gunung Swadaya University. Teak. The partners discussed their desire to receive the Basic Skills Training for Scientific Writing and Publication to Improve Research Competence. The method used is qualitative with descriptive analysis techniques. This activity is carried out so that partners can have basic skills in writing scientific papers and publications in international journals. The result of training in writing articles and scientific publications is to improve the quality of research in universities that have an impact on society.

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INTRODUCTION

Lecturers have developed into facilitators who assist students in getting effective learning. Then, lecturers must also be experienced in understanding the evolution of the times so that they can communicate with their students. The task of lecturers, especially in carrying out the tri dharma, is more competitive and requires certain skills to work well. It takes excellent (high-quality) lecturers to adapt well to the twenty-first century.

The development of education in today's society must be more advanced to keep up with the times. Education has an important role in today's rapidly developing environment. Universities need to make improvements, especially those related to increasing competitiveness and human resources. This requires extraordinary human resources with global insight, mastery of science and technology, and the ability to think creatively. Higher education is one of the most important areas for intellectual growth. Universities as educational institutions must develop every component of the tri dharma of higher education to improve competitiveness, performance, productivity, and quality. For example, research should be improved (Firah, 2018).

Tri dharma activities at universities, lecturers and students often find it difficult to do their research, especially in terms of writing articles and publications. This difficulty is experienced by many students on private campuses. The Covid pandemic conditions make learning and research activities including thesis guidance carried out remotely and it becomes difficult to carry out research, especially the writing of scientific articles and publications.

The problem that occurs in Indonesia in the field of research is that the number of academics (students and lecturers) is not proportional to the number of publications produced. In 2019, from 4,607 universities and 177,000 lecturers and researchers registered in the Science and Technology Index (Sinta), Indonesia only produced 34,007 journals indexed by Scopus. One of the reasons for the low scientific publications of Indonesian researchers is the lack of understanding and interest in research, especially among students. This happened because research on national innovation is still low (Fadjarajani, 2021).

In the results of observations made by the Community Service team, it was found that research activities in universities still need improvement, especially in writing scientific papers and publications. Conducting research both at the level of lecturers and students at the place of service has challenges including a Lack of Skills lecturers and students in the place dedicated to finding research gaps, paraphrasing skills, and reference management as well as seeking research ideas from current issues.

The Community Service Team held initial discussions with several lecturers from several universities that have cooperation with the Faculty of Economics, Jakarta State University such as YKPN

Polytechnic University Yogyakarta, STABN Raden Wijaya Wonogiri, STIE Pertiwi, STIAB Jinarakkhita Lampung, Podomoro University, Dian Nusantara University, Gunung Swadaya University. Teak. The partners discussed his desire to receive the Training Basic Skills of Scientific Writing and Publication to Improve Research Competence. Activities are carried out so that partners could have a Skills base in writing scientific papers and publications in International Journal. Writing scientific articles and international publications is expected to improve the quality of research at universities that have an impact on society.

Based on the analysis of the situation described above, there are partner problems in this community service activity, including:

1. Lack of skills of lecturers in compiling research gaps that support research
2. Lack of knowledge of lecturers in using paraphrasing techniques in overcoming plagiarism and reference management at the time of writing scientific articles
3. There is still a lack of lecturers who do publications, especially publications in international journals.

The expected achievement targets in this activity are:

1. Increasing partner capabilities in terms of compiling research gaps
2. Increasing partner capabilities in terms of paraphrasing techniques and reference management
3. Partners' ability to get the latest issues, especially in the field of digital finance so that they are motivated to work on writing articles scientific.

The e-training flyer is shown in Figure 1.

The flyer is titled "RESEARCH BOOTCAMP" and "Pelatihan Research Bootcamp Untuk Meningkatkan Kompetensi Penelitian". It is scheduled for "Kamis, 30 Juni 2022" from "09.00 - 14.00 WIB" via Zoom. The speakers and their topics are:

- Materi 1:** Ika Febrilia, SE, M.M. (Dosen Fakultas Ekonomi UNJ) - Menyusun Research Gap
- Materi 2:** Muhammad Yusuf, SE., M.M. (Dosen Fakultas Ekonomi UNJ) - Manajemen Referensi Penelitian
- Materi 3:** Dewi Agustin Pratama Sari, S.E., M.S.M. (Dosen Fakultas Ekonomi UNJ) - Teknik Parafrese
- Materi 4:** Mohammad Eka Gonda Sukmana, SE. MSI. (Direktur Grup Inovasi Keuangan Digital - OJK) - Isu Terkini dalam Kajian Keuangan Digital

The flyer also includes a QR code with the text "SCAN ME" and a registration link: <https://bit.ly/PendaftaranPelatihanRB2022>. Contact information is provided as "Contact Person : 089506079500 (Bahtiar)". Logos of partner institutions like UGJ, Podomoro University, and STIE PERTIWI are at the top. A "FREE E-Sertifikat" badge is also present.

Figure 1.
Training activity flyer

Community service is one of the achievements of the tri dharma of higher education by providing knowledge that can later be applied by the community. Knowledge will be delivered later by providing training. This training encourages the academic community to play an active role in research activities. To the theme of the event, this activity is also present to provide benefits in the form of education for both lecturers and students in preparing themselves to make a scientific journal (Mubarak et al, 2021).

METHOD

Activity Implementation Steps

The training activities are carried out using classical methods and lecture approaches (exposure to the material), practice, and discussions with the aim that the material can be well received by participants (Pratama & Wolor, 2022). The steps for implementing community service activities include (Zahra, 2022):

1. Identification of participants and needs: at the initial stage, the team identifies the problems faced by partners and sets the target participants and the targets given in the training. Then the team determines the solution together with the partners
2. Implementation of training: in the next stage the team provides skills training for research needs
3. Evaluation of activities: at the final stage the team evaluates the training activities and makes a written work as the output of the activity

The target participants are several lecturers from state universities and private universities who collaborate with the Faculty of Economics, State University of Jakarta. In determining participants, we first identify campuses that have cooperated with developing conditions. Then we establish communication with related parties such as the vice dean or chairman of the Research and Community Service Institute. At the communication stage, we often seek information regarding

The purpose of this training activity is for participants to understand the topic, so it will be carried out traditionally with a lecture approach (exposure to information), practice, and discussion (Musyaffi et al., 2022). Several academics from public and private universities in collaboration with the Faculty of Economics, State University of Jakarta became the target participants. We initially chose a cooperative campus with changing circumstances to determine participants. After that, we started contact with related people such as the vice dean and the head of the Institute for Research and Community Service. At the communication stage, we often seek information about the problems faced by professors with the Tri Dharma of Higher Education.

This core activity consists of an opening ceremony containing orations from campus representatives who are partners in the implementation of this activity. Furthermore, this core event contains material and practical presentations by human resource persons as well as a question and answer session. And in the last session is closing and prayer. The last activity is the distribution of certificates.

RESULTS AND DISCUSSION

This section describes the steps in implementing the proposed solutions to solve partner problems. The Research Bootcamp training activity was held for one day filled with four speakers and the material presented was also different. This event was held through the Zoom Meeting Application Platform which was attended by more than 349 participants spread across several universities.

On the day of the event, participants were immediately invited to enter the main room. In the room, there was an MC to guide the series of events and there was also a prayer reading, and there was a welcome and opening ceremony from the Deputy Dean of the Faculty of Economics, State University of Jakarta. After that, the E-Certificate was handed over to partners symbolically by the Deputy Dean of FE UNJ as well as a group photo session.

Then proceed with the delivery of material by the speakers. The first resource person was filled by Mrs. Ika Febrilia, SE, MM with the material presented, namely "Arranging the Research Gap" then when the material was finished, it was followed by a question and answer session for 10 minutes. Then continued the presentation of the second material delivered by Mr. Muhammad Yusuf, SE, MM with the material "Training Reference Management" and continued with a question and answer session for 10 minutes. Followed by the presentation of the third material by Mrs. Dewi Agustin Pratama Sari, SE, MSM with the material presented namely "Paraphrasing Techniques" and continued with a question and answer session for 10 minutes. Followed again with the fourth material presented by Mr. Mohammad Eka Gonda Sukmana, SE. Msi. with the material presented, namely "Current Issues in the study of digital finance" and continued with a 10-minute question and answer session.

After the four resource persons have been delivered and the question and answer session has ended, the MC will hand over a certificate to the resource person. After that, the whole series ended and ended with the closing by the MC. The presentation of certificates, PPT materials, and the like will be displayed by the operator on duty on the day of implementation.

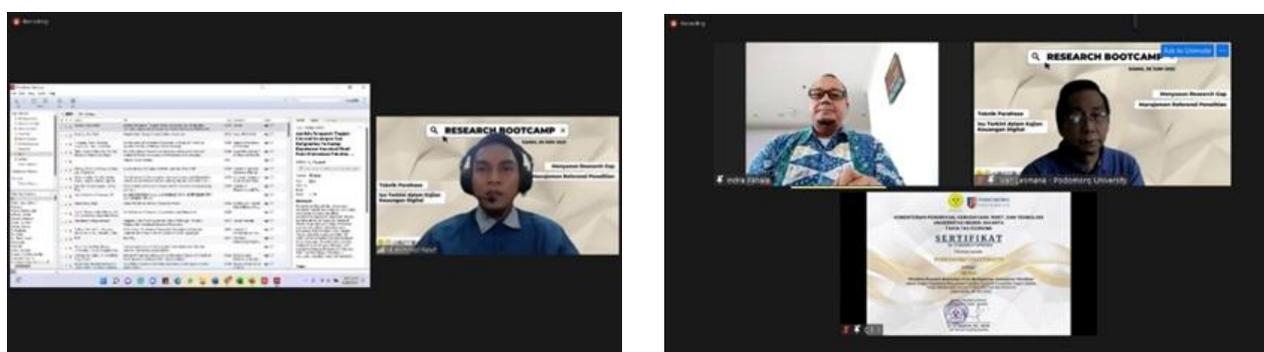


Figure 2.
Activity Documentation

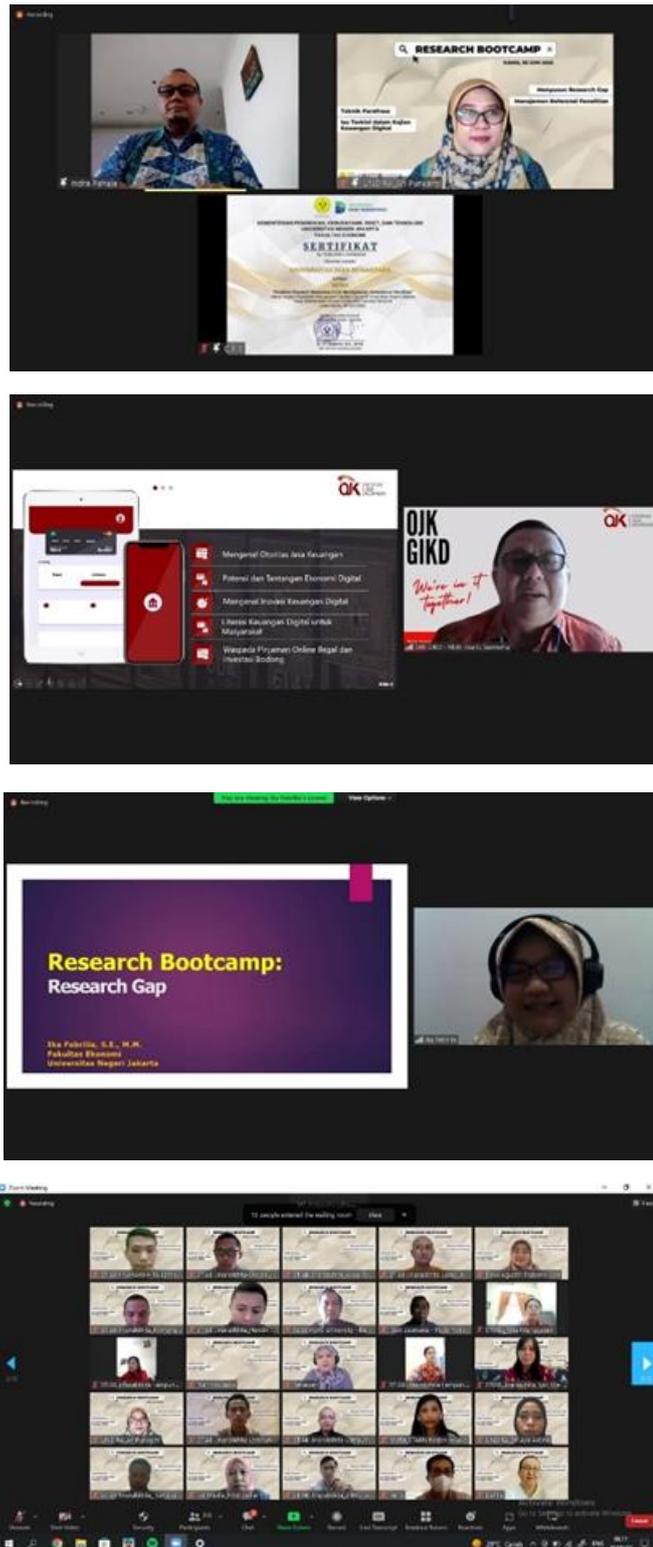


Figure 2.
Activity Documentation

The results obtained from community service activities are the delivery of research materials such as: preparing Gap research, research reference management, paraphrasing techniques, and current issues in the fintech field. With a total of 349 participants, in collaboration with 7 other universities, namely: YKPN Yogyakarta Polytechnic, STABN Raden Wijaya Wonogiri, STIE Pertiwi, STIAB Jinarakkhita Lampung, Podomoro University, Dian Nusantara University, Gunung Jati Swaadaya University. Which can provide benefits and positive impacts for the improvement of research. So that the quality of the scientific journals of lecturers and students is more qualified and good.

CONCLUSION

In conclusion, the activity went smoothly and had a significant impact on the understanding and knowledge of the participants. Participants explained that this service activity was very beneficial for their academic needs. Community Service carried out by the State University of Jakarta together with 7 other universities namely: YKPN Yogyakarta Polytechnic, STABN Raden Wijaya Wonogiri, STIE Pertiwi, STIAB Jinarakkhita Lampung, Podomoro University, Dian Nusantara University, Gunung Jati Swaadaya University on 30 June 2022 went well and smooth. Although the event was held online, the enthusiasm of the participants was very high. So that the purpose of holding this Research Bootcamp training can be achieved.

RECOMMENDATION

In the future, this research should be carried out with more diverse materials. Participants hope to get material related to qualitative research methodology with applications or software related to qualitative research. So that lecturers and students are accustomed to conducting quality research, this training activity must be repeated and carried out regularly. It is also possible to redevelop training themes related to future research foundations so that participants in service activities can continue to reap the rewards of their efforts.

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